



# MATERIAL SAFETY DATA SHEET ( *MSDS* )

---

## GENERAL

**PRODUCT TRADE NAMES :** BRIGGS & STRATTON FRESH START  
BRIGGS & STRATTON GASOLINE ADDITIVE  
BRIGGS & STRATTON FUEL STABILIZER PLUS

**MANUFACTURER :** FUEL FRESH, INC  
POST OFFICE BOX 51000  
PHOENIX, ARIZONA 85076

**EMERGENCY TELEPHONE, 24/7 :** *FOR SPILLS, FIRE, MEDICAL SITUATIONS*  
*CALL 1 – 800 – 535 - 5053*

---

## BASIC INGREDIENTS

**ACTIVE INGREDIENTS BLENDED INTO A SOLVENT BASE:**  
( SOLVENT MAJOR COMPONENT, ACTIVE INGREDIENTS MINOR )

**SOLVENT BASE :** PETROLEUM DISTILLATE  
AKA MINERAL SPIRITS CAS 64742-48-9

**ACTIVE INGREDIENTS :** N', N' DISALICYLIDENE  
1,2 PROPANE DIAMINE CAS 94-91-7  
2,4 XYLENOL, 6-TERT. BUTYL CAS 1879-09-0  
2,4 DIALKYLAMINO ANTHRAQUINONES CAS 71819-49-3

PROPRIETARY INGREDIENTS \*\*  
\*\* specific chemical names withheld as trade  
secret and/or ingredients are non-hazardous

---

## PHYSICAL CHARACTERISTICS

**APPEARANCE AND ODOR :** BLUE LIQUID; MILD AROMATIC ODOR  
**SPECIFIC GRAVITY ( WATER = 1 ) :** < 1  
**SOLUBILITY IN WATER :** SLIGHT  
**PERCENT VOLATILE :** 100 %, VOLUME  
**FLASH POINT :** 104 F  
**BOILING POINT :** > 212 F  
**VAPOR DENSITY ( AIR = 1 ) :** > 1

---

### **REACTIVITY**

**OVERALL STABILITY :** STABLE

**AVOID EXPOSURE TO :** OXGEN, STRONG OXIDIZERS, STRONG ACIDS

---

### **FIRE & EXPLOSION**

**CLASSIFICATION :** COMBUSTIBLE

**EXTINGUISHING AGENTS :** CARBON DIOXIDE, DRY CHEMICAL, FOAM

---

### **PRECAUTIONS**

**STORAGE :** VENTILATED, COOL, DRY, NO IGNITION SOURCE IN VICINITY

**OTHER :** AVOID CONTINUOUS INHALATION, AVOID DIRECT CONTACT

---

### **HEALTH HAZARDS**

**EXPOSURE LIMITS :** NOT ESTABLISHED

**EVEREXPOSURE EFFECTS :** EYE / SKIN IRRITATION, NAUSEA, HEADACHE, DIZZINESS

---

### **FIRST AID**

**EYE CONTACT :** FLUSH WITH WATER FOR 10 – 15 MINUTES

**SKIN CONTACT :** WASH WITH SOAP & WATER

**INHALATION :** RESORT TO FRESH, UNCONTAMINATED AIR, BREATHE OXYGEN FOR  
EXTREME CASES

**INGESTION :** DO NOT INDUCE VOMITING, MEDICAL ATTENTION PRUDENT

---

### **SPILL / LEAK PROCEDURE**

**( FOR LARGE VOLUME SPILLS OR LEAKS ) :** CONTAIN THE LIQUID; ABSORBENT MATERIALS WORK WELL. AVOID ANY IGNITION SOURCE IN THE VICINITY. DO NOT DRAIN INTO SEWER SYSTEMS. WEAR FACE / EYE PROTECTION TO PROTECT FROM SPATTER. IMPERMEABLE GLOVES RECOMMENDED FOR THE HANDLING OF WET / SATURATED MATERIALS. SOLVENT PROOF CLOTHING MAY BE DESIREABLE FOR EXTREME SITUATIONS.

---

### **SHIPPING**

**VIA UNITED PARCEL SERVICE, FEDEX, OR AIRBORNE GROUND :** 128 FL OZ ( 1 GALLON ) MAX PER CARTON. EXAMPLE : 4 QUART BOTTLES PER CARTON. CONSIDERED NON-HAZARDOUS. PLACE AN 'ORM-D' LABEL ON THE CARTON. GROUND SERVICE ONLY.

**MOTOR FREIGHT :** FOR LARGER QUANTITIES. NOT CONSIDERED HAZARDOUS. PLACE 'ORM-D' LABEL ON SHIPMENT AND IDENTIFY AS SUCH ON BILL OF LADING.